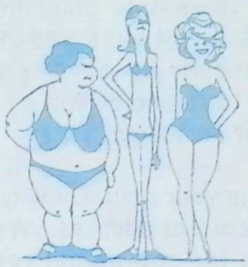
PAT'S PATTERNS



Machine knitting patterns for people of all shapes and sizes

Issue #110 - August, 1989

Single copy: $2.00

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Back issues not available.

ADVERTISERS: Ads must be prepaid and in our hands no later than September 1 for the October issue. Per issue ad rates are: classifieds 10 c per word, 1/8 page $10, 1/4 page $25, 1/2 page $60, 1/1 page $130. Inserts up to 8.5" x 11" $125. We reserve the right to refuse or edit all ads that don't conform with our standards.

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A CHAT WITH PAT

Rice cakes! Have you ever eaten one or more? Bland as they are, they have become a mainstay in my self-imposed diet. And you know, I actually enjoy them! The lunch that I just finished consisted of one small slice of Longhorn cheese, one medium large tomato, three small carrots, two of the aforementioned rice cakes, and one large glass of water. Total calories: about 230!

Since I have been successful with quitting the smoking habit, I decided **now** is the time to try diligently to remove many pounds that I have added over the years. I am hoping to shed at least 20 pounds - maybe as much as 30. I don't have a particular target date, so even if this takes six months to a year, I'll be satisfied.

Root for me. When you need this kind of moral support, I'll lend a shoulder to hear your tale of woe. Deal?

When I made my solo trip to South Carolina in early June, I saw something in North Carolina that cheered my soul. At both the northern and southern extremities of this state, along the interstate that I traveled, some group had planted wild flowers both at the sides of the highway and in the medial strip. What a gorgeous sight that was! You can't imagine the beauty of the profusion of red, yellow, lilac, blue, and orange flowers that had been lovingly planted in those areas. Seeing those blooms brightened my day and made the trip less long. If you are from North Carolina, three cheers! I have no way of knowing exactly whom to thank for that lovely surprise.

Maybe next month I'll tell you about some other experiences I have had while "on the road".

I received a short note a few days ago from a lady wanting some information about *Four Seasons*. All of the back issues (except #1) are available for $10 each. These include: #2 Fairisle, #3 Piecework, #4 Ribber I, #5 Yoke Sweaters, #6 Miracles of Slip Stitch/Part Knitting, #7 Jackets, Cardigans, and Skirts, #8 Tuck Stitch, #9 Cables and Beads, #10 Hats, Mittens, and other accessories. Still to come are #11 Ribber II, which I will put in the mail the last day of August, #12 Weaving, #13 Intarsia, and #14 Lace.

If this is the first time you even heard of *Four Seasons*, you might want to collect all of the available issues. Each one teaches you all of the basics on that subjec by means of extensive editorials and lots of lovely knitting ideas. Those who get all 14 issues will have quite a knitting library!

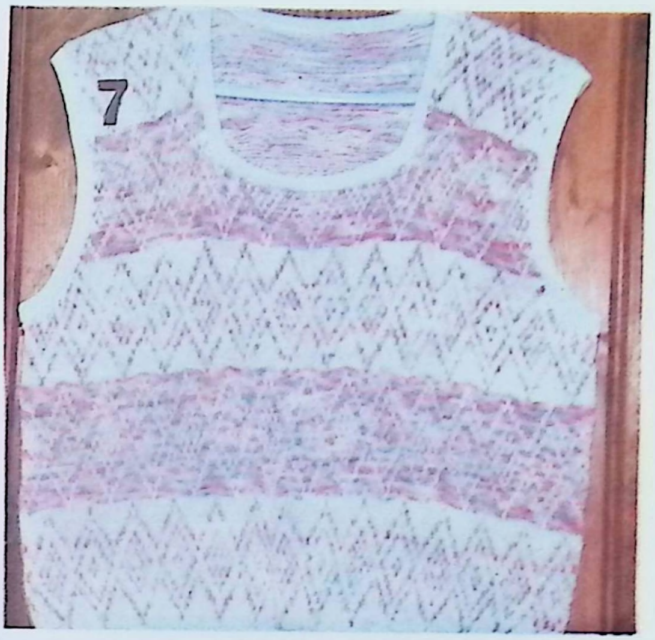
Since I am mentioning other publications, I should "plug" *Pat's 4-Ply Knits*. Beginning this fall, this magazine will undergo a facelift. Those of you who have chunky machines will appreciate it even more than before. $8.00 will get you the next four issues. The next issue will be released the end of October, and I expect it to have one or more colored photos in each issue.

As far as knitting news goes, we had a fantastic knitting club meeting last Tuesday. Everyone was chatty and we seemed to touch on lots of topics of interest to all members. Next meeting will be hands-on. Everyone will be charting then knitting part of a coat or cardigan, complete with buttonholes and pockets. That's set for August 1, so by the time you read this, we should all have our projects finished.

Before I close, please accept my friendly reminder that the new US subscription rate is $18 per year. As of May 1, all payments received for $15 are accepted as payment for a **10** month renewal - not 12 months as you probably expect.

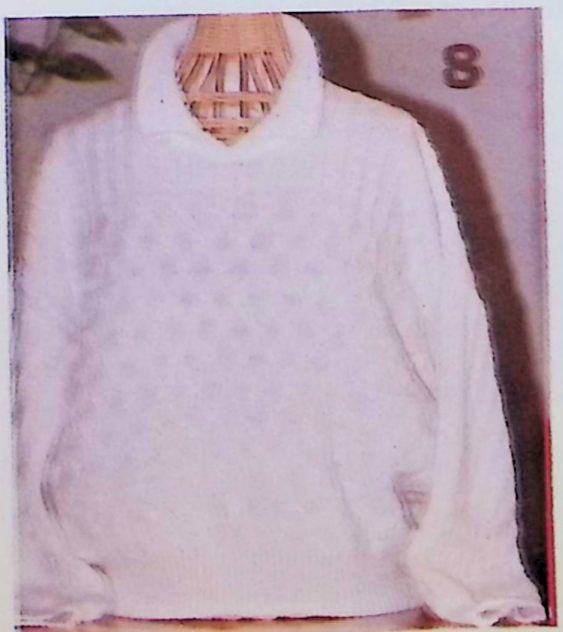
Don't get sunburned! Stay inside and knit!

Pat



Key to Photographs

#6 - Classic U-Neck Pullover - designed and knitted by Pat Wetzel - modeled by Sharon Wisneski - knitting instructions page 4
#7 - Dyed Yarn Summer Top - by Lois Blystone - instructions for knitting on page 9
#8 - Smocked Delight by Carolyn Behrendt - "how-to" begins on page 16
#9 - Easy Yoke Pullover - designed by Pat Wetzel - knitted by Kathy Helman - modeled by Kris Hays - knitting instructions page 18



CLASSIC U-NECK PULLOVER
(with sleeve options)

Patricia J. Wetzel
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(412)463-8060

Yarn: garment yarn is a double strand of forest green 2/24 from Stephanie's; the yarn used for the colorful fairisle design is Amber Fairisle, color #695, from Wetzel Enterprises. Total yarn needed is about 12 ounces.
Gauge: in stockinet with the double 2/24, 7.5 stitches and 11.25 rows = 1" after machine washing and drying.
Tension: 6.
Machine: can be knitted on any standard gauge machine - either a punchcard or electronic. The model was made on a KH930.
Sizes: S(M,L,XL) with finished bust measurements of 36" (40", 44", 48").
Photograph; above and on page 3 in color.
Design: follows the instructions.

FRONT

Arrange 136 (150, 166, 180) needles for your favorite rib [I used "2x2"]. Tension 0/0 do the zig zag row and insert comb. Complete the cast on rows to end at the right, then add three large weights evenly across the width of the knitting. RC000. Tension 2/2 if using "2x2" rib, otherwise tension .. (2/3) on each bed, knit 33 rows of ribbing to end at the left. Transfer all ribber stitches to the main bed and remove weights and comb. Program/set up carriage and machine for one pattern repeat of the design widthwise, but which will be repeated several times lengthwise. Tension 6 knit one row to the right as you program the first row of the design.

RC000. Knitting in the isolated fairisle design, work even to RC 129 (123, 117, 111). The carriage is at the left. All sizes bind off **23 armhole** stitches at this left side. Knit one row. Bind off **23 armhole** stitches at this right side.

RC000. Maintaining the fairisle design, knit even on these remaining 90 (104, 120, 134) stitches to RC 28 (34, 40, 46). Fairisle patterning is complete for the pullover front.

Shape front neckline: All sizes take the center 24 stitches off on a yarn holder (12-0-12). Place all remaining needles at the left in hold position and set carriage for partial knitting **or** lift the left-hand stitches off onto a section of garter bar and suspend these from the gate pegs of the machine. *RC000. All sizes knit as you decrease one stitch full fashioned at the neck edge of this side at RC 1, 3, 6, 10, 15, 21, and 28, then continue even to RC 68. Scrap off the remaining 26 (33, 41, 48) shoulder stitches.*

Take carriage to left side of the needle bed. Set carriage for normal knitting or rehang the left-hand stitches. Knit and shape this side to correspond to the first side, working from * to * above.

BACK

Omitting the patterning in the center, knit as for the front through the armhold bind offs. RC000. Knit even on these 90 (104, 120, 134) stitches to RC 96 (102, 108, 114). Scrap off 26 (33, 41, 48) stitches each side for shoulders and all sizes scrap off the center 38 stitches for the back neckline.

NECKBAND

First, join one shoulder seam.

All sizes arrange 150 needles for 1x1 rib. Tension 3/3 do the zig zag row and hang the comb and weights. Do **not** do circular rows. Just knit another 23 rows. Transfer all ribber stitches to the main bed. Remove comb and weights. Hang up each bar between the funny-looking loopy stitches.

Purl side facing you, hang the neckline of the pullover on top of these 150 neckband needles, picking up all stitches from scrap as well as 44 stitches along each side of the f ront neckline. Bind off to join.

Join the remaining shoulder seam.

SLEEVELESS VEST

Using 120 (128, 136, 142) stitches and the same technique as for the neckband, cast on then knit a total of 68 rows before attaching to the straight part of the armhole as a folded band.

SHORT SLEEVES

Purl side facing you, pick up 120 (128, 136, 142) stitches along just the straight edge of one armhole. RC000. Tension 6. Knit to the left. Program the first row of the design (as an all- over pattern) as you knit to the right. Continue now in the fairisle design to RC 34.

Place a marker in each edge stitch (when seaming first seam these 34 rows to the bound off underarm stitches).

Continue even in design to RC 82. Discontinue design and knit one row stockinet to the left. Remove on scrap or a garter bar, then rehang onto 90 (98, 104, 112) needles, doubling up stitches as needed. Knit one row to the right.

CUFF

Rearrange stitches for ribbing. At a tight tension knit 16 rows of ribbing. Tension 10/8 knit one row to the left. Transfer all ribber stitches to the main bed and cast off from right to left, ending by breaking the yarn and pulling the yarn tail through the last loop.

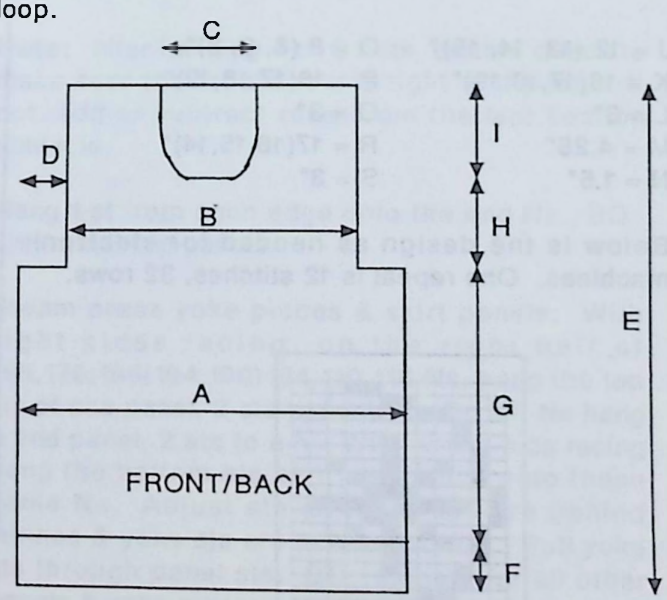
LONG SLEEVES

Purl side facing you, pick up 120 (128, 136, 142) stitches along just the straight edge of one armhole. Tension 6. RC000. All sizes knit even in stockinet to RC 34. Place a marker in each edge stitch (when seaming, these 34 rows are first sewn to the bound off underarm stitches).

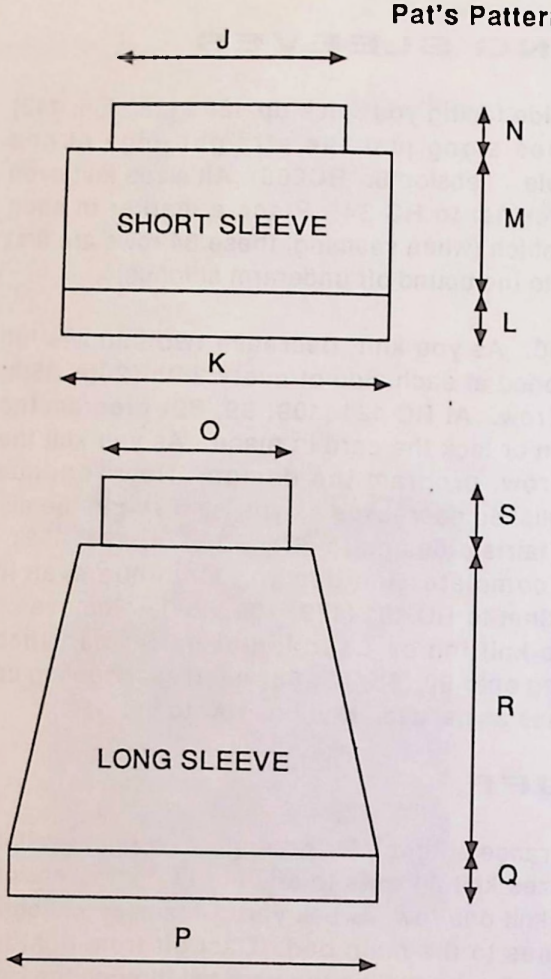
RC000. As you knit, decrease **two** stitches full fashioned at each side of every 24th (20th, 18th, 16th) row. At RC 121 (109, 99, 89) program the design or lock the card in place. As you knit the next row, program the design. Now continue established decreases as you also knit in the all-over fairisle design to RC 186 (174, 164, 152). This completes the design. Continue even in stockinet to RC 191 (179, 169, 157). Remove on scrap knitting or a section of garter bar, then rehang onto 60 (60, 68, 68) needles, doubling up stitches as needed. Knit one row to the right.

CUFF

Rearrange stitches for ribbing. At a tight tension all sizes knit 34 rows to end at the right. Tension 10/8 knit one row. Break yarn. Transfer all ribber stitches to the main bed. Cast off from right to left, ending by pulling the yarn tail through the last loop.

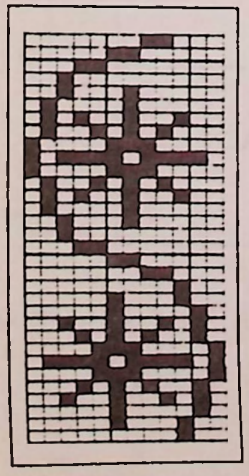


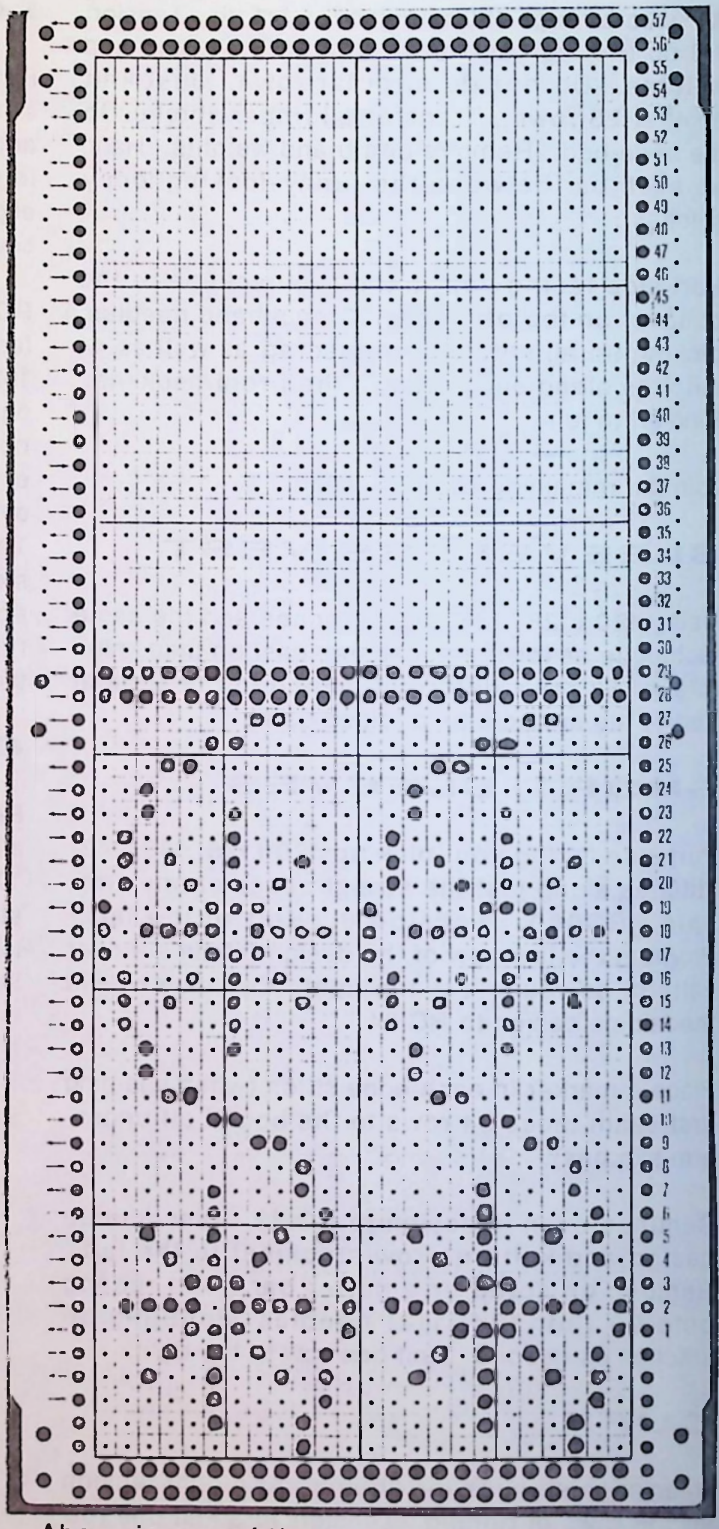
A = 18 (20, 22, 24)"
B = 12" (14", 16", 18")
C = 5"
D = 3"
E = 23"
F = 3"
G = 11.5(11,10.5,10)"
H = 2.5 (3, 3.5, 4)"
I = 6"



J = 12 (13, 14, 15)"
K = 16(17,18,19)"
L = 3"
M = 4.25"
N = 1.5"
O = 8 (8, 9, 9)"
P = 16(17,18,19)"
Q = 3"
R = 17(16,15,14)"
S = 3"

Below is the design as needed for electroni machines. One repeat is 12 stitches, 32 rows.

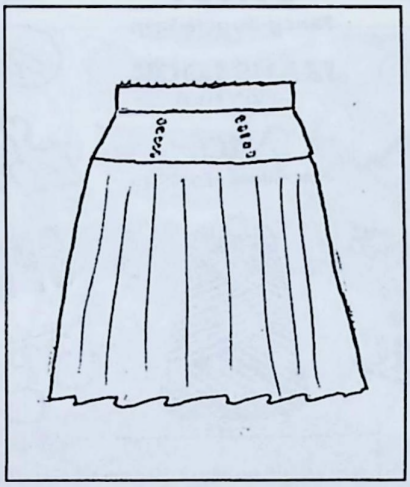




Above is a card that has been punched for the design. Before it can be used, the top of the card must be cut away directly above the top row of holes. Do you see the relationship between the electronic design and the punched card? Note: I can't remember if this is my own design, an adaptation of a design seen somewhere, or if it was taken directly from one of the Studio punchcard libraries.

YOKED SKIRT

Joyce Chamberlain, OLCS
Rt 4, Box 201
Dallas, PA 18612



Yarn: red Delaine Del-Lite.
Tension: 3.
Gauge: 8.9 stitches and 14.7 rows = 1".
Machine: can be knitted on any standard gauge machine.
Notions: several 1/4" diameter flat buttons (this is an option).
Finished hip sizes (choose the size that will give you the desired amount of ease): 46,48,50(52,54) 56,58,60.

YOKES

Sizes 46 - 52 knit two pieces. Sizes 54 - 60 knit four pieces.

Waistband: Over 168,176,186(194,100)104,110, 116 needles, "e" CO EON. Weave short yarn tail @ start of CO over & under the first 8 to 10 Ns. @ T 0 k 15 rs. Bring in-between Ns to WP plus 1 N @ one edge. There should be 168,176,186(194, 100)104,110,116 Ns in WP. @ T 1 k 24 rs, if need be, bring Ns to HP to K each of these Rs. Hang CO edge onto EON. Inc T 1 point or click of the dial. K 1 R.
Yoke: RC000. K 2 Rs. Inc T 1 point now & then every 8 Rs until you reach T 3. K to R 44. Remove sts on scrap yarn for "gathered panel skirts" or BO for "pleated panel skirts". Knit remaining piece/pieces.

GATHERED SKIRT PANELS

From desired length of skirt, subtract the length of the yoke (excluding waistband). Also subtract 1-1/4" for hem. Multiply the answer by 14.7. This equals the # of Rs to knit in each of these skirt panels.

RC000. CO with scrap yarn & ravel cord 168,176,186(194,1j00)104,110,116 sts. @ T 3 with main yarn K 30 Rs. Inc T 1 point now & every 30 Rs until you reach T 5. K to the # of Rs figured above.

Hem: Bring all Ns to HP except E 4th one. Set cam for slip st & K 1 R. Set cam for St St & @ T 4 K 14 Rs. @ T 8 K 1 R (this is the crease row for the bottom of the hem). @ T 3 K 14 to 16 Rs (enough so that when the bars of yarn from the slip st row are hung on every 4th N the crease R is @ the very bottom of the folded edge). Hang the bars of yarn from the slip st row onto every 4th N.

Note: after hanging 4 or 5 bars, double check to make sure the crease row is right at the fold. If not, add or subtract rows from the last section until it is.

Hang 1 st from each edge onto the end Ns. BO. Knit remaining panels.

Steam press yoke pieces & skirt panels. With right sides facing, on the right half of 168,176,186(194,100)104,110,116 Ns, hang the top sts of one panel, 2 sts to each N. On left Ns hang a 2nd panel, 2 sts to a N. With wrong side facing hang the bottom sts of 1 yoke piece onto these same Ns. Adjust sts so panel sts are behind latches & yoke sts are in hooks of Ns. Pull yoke sts through panel sts. BO. Repeat for all other panels & yoke pieces.

Sew all seams, leaving inside of 1 waistband seam open. Insert 1" elastic, cut to fit your waist, into waistband.

PLEATED SKIRT

From desired length of skirt subtract the length of the yoke (excluding waistband). To this add a 1 or 2" hem. Multiply the answer by 8.9. This gives you the # of sts to CO. **Note:** If you do not have enough Ns for your desired length plus hem, leave off the hem.

"e" CO your # of sts.

Step 1 - @ T 3 K 28 Rs & K 1 R @ T 8.
Step 2 - K 14 RS @ T 3 & K 1 R @ T 0.

Repeat these 2 steps to R 1583, 1671, 1715 (1803, 1891) 1979, 2023, 2111. End with the 14Rs in Step 2. **Do not** knit the tight row. Remove on scrap yarn.

Steam press yoke pieces & skirt panel. Press in pleats by pressing right sides tog on tight Rs & wrong sides tog on loose Rs. Sew all yoke seams except 1. Baste across top of pleats & baste this to bottom of yoke. If need be, ravel out 1 or move complete pleats or rehang & K 1 or move complete pleats to fit yoke. BO. Press any new pleats. With right sides tog sew pleats to bottom of yoke. With right sides tog sew last long seam. leaving inside of waistband open. Insert 1" elastic cut to fit your waist, into waistband.

Hem: Turn up your hem & steam press, then re-press the pleats into this hem area. Tack hem in place. If you did not add the ehm to your skirt length, the skirt can be left as is or if desired, seam binding can be stitches to the very edge of the skirt bottom & turned to the inside & tacked down.

Finishing: If desired, small flat buttons can be sewn down the center front of the skirt yoke, or place 2 rows of buttons down the front of the yoke, spacing the rows 8" or so apart.

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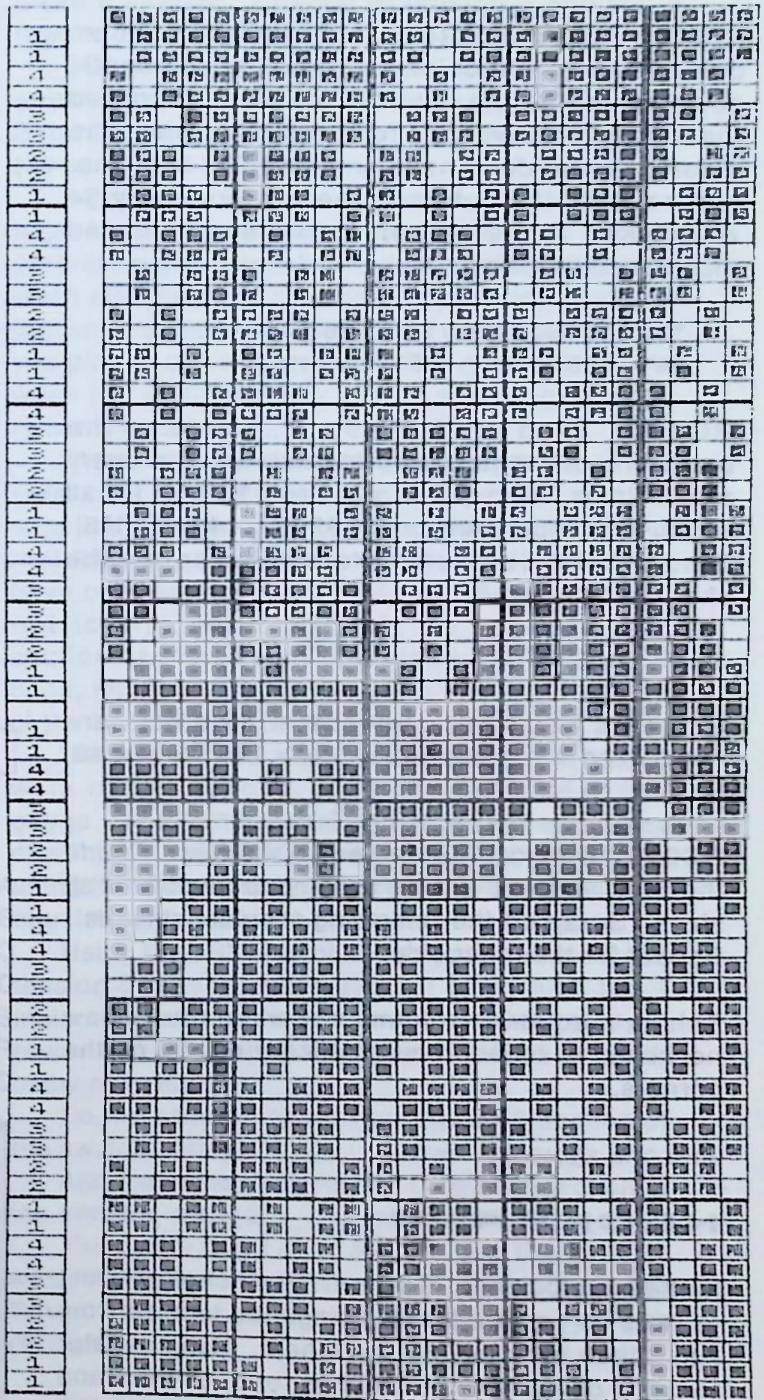
Writers needed!

If you have lots of creative talent in the art of machine knitting, but haven't been sharing that talent, except locally, **now is the time to include more people!** Why not begin sharing your knowledge via this monthly? For details, write:

Pat Wetzel
Rt 4, Box 416
Indiana, PA 15701
Phone (412)463-8060

DYED YARN SUMMER TOP

Lois Blystone, Y Knot Knit
Rt 1, Box 199
Creekside, PA 15732
(412)397-2671



Yarn: double 14/2 cotton - about 9 oz. for size 40".
Gauge: 8.75 stitches and 11 rows = 1" after being machine washed and dried.
Tension: 8 on a 930.
Machine: can be knitted on any standard gauge punchcard or electronic machine.
Design: Shown at the right. It is #907 from my book, ***Design Favorites***. The book price is $10.00. The disk with all 70 patterns is $8.00.
Sizes: 36", 38", 40", 42", 44".
Photograph above and page 3 in color.

Instructions begin on page 10.

BACK

Cast on 156, 166, 174, 182, 192 sts for 1x1 rib and knit 28 rows at tension 2/2. Transfer all sts to the main bed.

RC000. Start the pattern. I used a light seafoam color as the main color and a hand dyed multi-colored yarn for the contrasting color. I engaged the KHC button every 34 rows, which reverses the colors. If you don't have an electronic machine, just reverse the colors in the feeders every 34 rows. Knit in the pattern to the length needed including the ribbing:

12" - 104 rows 13" - 116 rows
14" - 126 rows 15" - 138 rows.

RC000. Bind off 8, 9, 9, 10, 11 sts at the beginning of the next 2 rows, then dec 1 st every row 6 times, then every other row 7 times for all sizes. Continue even to row 82, 88, 94, 100, 106. Bind off the center 44 sts and scrap off the shoulder sts.

FRONT

Same as back until underarm bind offs are completed, then continue to row 28, 34, 40, 46, 50.

RC000. Bind off the center 44 stitches. Divide the work and knit without shaping to row 54 for all sizes. Scrap off the remaining shoulder stitches. Repeat for the other side.

This is a square neckline, but when the narrow neckband is added, it automatically rounds off the corners.

Join one shoulder.

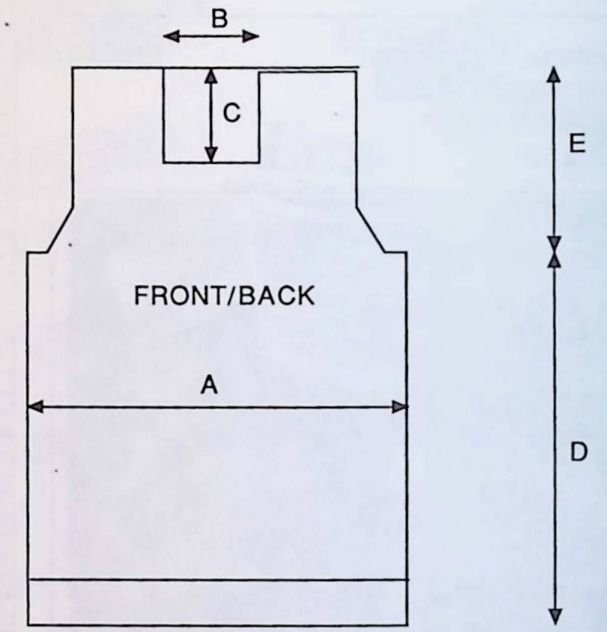
NECKBAND

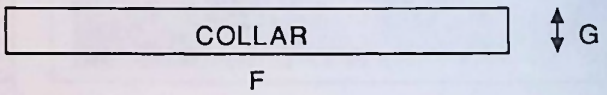
Knitted in stockinet. Cast on 176 stitches and knit 18 rows as you gradually change the tension from 7 to 4 then back to 7. Hang a hem. Hang sweater neckline on top with 43 stitches for back neck and the remaining 133 for the front. Bind off, joining the band to the sweater.

Join the other shoulder.

ARM BANDS

Using 130, 140, 148, 157, 166 stitches, work as the neckband then attach to the armhole.





A = 18", 19", 20", 21", 22"
B = 5"
C = 5"
D = desired length: 12,13,14,15" or more
E = 7.5", 8", 8.5", 9", 9.5"
F = 20"
G = 1.5"

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CHARTING PART I

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From my mail and conversations with you I know that many of you think that charting is some sort of a mystical, magical skill, which you never expect to learn. If you have no desire to learn this art you may as well skip over these pages. But if you occasionally want to know exactly how to make and measure an accurate swatch or how to change the length of a sweater pattern or how to figure out how to make a simple knitted thing, using your own special stitch and yarn - read on!

Charting is not magic. It is a very logical process that anyone of average intelligence can learn if that person **wants** to learn. But even if you are a very skilled mathemetician, please arm yourself with a simple calculator that will add, subtract, multiply, and divide for you. In addition you will need blank scratch paper and a pencil with eraser. If you have real doubts about your math ability (even with a calculator in hand), why not work out a deal with a friend to work together on a buddy system to help one another learn to chart? Two heads often are better than one, simply because if one of the partners forgets or overlooks a step or function, the other half of the pair might catch the oversight.

For our first lesson/s we are not going to begin charting something new. Instead, we are going to learn how to make some adjustments to an existing pattern so that pattern will better suit **your** body, giving you the kind of fit that you want. You are going to knit the "Classic U-Neck Pullover" on page 4.

Step 1 - knit a swatch to match gauge: At tension 5 cast on **70** stitches with a different color of 2/24 yarn (double strand) and knit about **3"** - usually about 36 rows. Drop the stitch off needle #21 at each side of center 0 and place these empty needles in A (non-knitting) position. With the yarn that you want to use for your sweater and still using tension 5, knit exactly **60** rows.

Knit 2 rows with the contrast colored yarn then make 5 eyelets (to indicate the tension that was used for that part of the swatch). Change to tension 6 and knit 2 rows with the contrast color.

Still at tension 6 knit exactly 60 rows with the sweater yarn.

Knit 2 rows with the contrast colored yarn then make 6 eyelets. Change to tension 7 and knit 2 rows with the contrast colored yarn.

Still at tension 7 knit exactly 60 rows with the sweater yarn. With the contrast colored yarn knit 2 rows then make 7 eyelets. Then knit another 3" (36 rows) and bind off.

Step two - launder the swatch: Unless you have reason to suspect that the swatch for the garment pattern was treated differently, machine wash and machine dry the triple swatch that you just knitted, using the water and drying temps that you plan to use with your finished garment. Try to wash the swatch with a load of similar garments, rather than by itself.

Step three - measure each segment of the swatch: You need a "green gauge" that is supplied with Studio and Singer knitting machines that have the "knit radar/contour". If you don't have one, get one from a dealer. **Being careful not to stretch** the swatch, lay the tension 5 section of the swatch knit side up on a narrow book, letting the sides roll down around the sides of the book.

"Measure" the stitches between the out of work needle spaces, using the "S" side of the gauge. The number that you read is the number of stitches that 4 inches will equal. Divide by 4, using the calculator, to find out how many stitches equal 1" _____

Using the "R" side of the gauge, measure the tension 5 section, measuring off every little bit of main color stitches between the contrast colored rows. Divide that number by 4 to find out how many rows equal 1" _____

Do the same thing for the tension 6 section of the swatch: sts = 1" _____ rows = 1" _____

And the same thing for the tension 7 section of the swatch: sts = 1" _____ rows = 1" _____

The gauge that I used for charting the sweater was 30 stitches equals 4" and 45 rows equals 4". When I divided each of those figures by 4 the results are:

7.5 stitches = 1" and 11.25 rows = 1".

You must use the decimal part of a whole number as part of your gauge if there is one!

Don't ever round the gauge results to a whole number.

Step four - make additional swatches: If none of your three swatches matches my gauge, you must do at least one more. Looking just at your stitch gauge for now, let's say your results are:

T 5 - 6.25 stitches = 1"
T 6 - 7 stitches = 1"
T 7 - 7.75 stitches = 1".

You are trying to match 7.5 stitches = 1", so one dot or click less than T 7 will probably give you that result. You can risk it or make another swatch to prove it. The tension you must use, then, to knit the sweater on page 4 is tension 6.. or 6 2/3.

Now let's make some adjustments to the bust size of your sweater. The sweater has been charted for finished bust sizes of 36" (40", 44", 48"). You would prefer if your sweater measured just 42" at the bustline. This is just 2" larger than the 40" and 2" smaller than the 44". Look at the number of stitches to be used for the width of the front and/or back of the sweater:

36" = 136 stitches
40" = 150 stitches
42" = ? stitches
44" = 166 stitches
48" = 180 stitches.

Your 42" size is exactly halfway between 40" and 44". 166 stitches needed for the 44" minus 150 stitches needed for the 40" = 16 stitches difference. Your size is halfway between, so you need half of those 16 stitches for your sweater. In other words, either 40" = 150 + 8 additional stitches for the 42" size or 44" = 166 - 8 too many stitches for the 42" size. In either case, for a 42" bust you will cast on 158 stitches.

How to go about all of the other shaping? Use the instructions for either the 40" or 44". Besides the cast on, the only difference will be with the number of stitches for each shoulder. The 42" sweater has 8 more stitches than the 40" size. There are two shoulders, so each of the size 42" shoulders will have 4 more stitches than the size 40" . In other words, 33 shoulder stitches for 40" + 4 stitches for 42" = 37 shoulder stitches for 42".

Do you see how easy it would be to take our instructions for 4 different sizes and, by adding sizes before, between, and at the end, actually have 9 sizes?

Now let's adjust the sweater length. This is designed to be 23" long, but maybe you prefer 26". 26" is 3" longer than 23". If you matched the gauge, 11.25 rows = 1". 3 inches times 11.25 rows to the inch = 33.75 rows for 3 inches. That means that you have to knit your sweater 33.75 rows longer than the instructions tell you. **There is no way that you, I, or anyone can knit 3/4 of a row in length**. This is one time when you must "round". 33.75 becomes 34, so you knit 34 additional rows.

Do you need a little help figuring out what rounds to what? Take these numbers as an example and decide what they should round to:

13.4 _____ 25.3 _____
23.1_____ 49.8_____

This, also, is no secret! Always look at the number to the right of the decimal point. If that number is 1, 2, 3, or 4, just drop off the number to the right of the decimal point. If that number is 5, 6, 7, 8, or 9, drop that number but add one more number to the number to the left of the decimal point. In our examples above, then:

13.4 becomes 13
25.3 becomes 25
23.1 becomes 23
49.8 becomes 50.

What if the number is 37.498? In that case I consider the second number at the right of the decimal point first - making this number 37.5 then do as in the first examples and round to the whole number of 38. If our number was 37.119, rounding first by the second number after the decimal point it becomes 37.1 then finally 37 as the whole number.

The calculator may often give you a decimal number when performing mathematical functions. If you are determining gauge, you must not round the decimal away, but must always work with that number. But when you are charting, stitches and rows must be rounded to whole numbers since one cannot knit a fractional part of a stitch or a fractional part of a row.

I know that as soon as some of you saw decimals, you gave up. Please let me help you a little to overcome your unfounded fear of decimals and/or fractions. As I have said twice, you cannot round away a decimal part of the gauge, since that is crucial to fit. Maybe a little further explanation will convince you that you are going to have to get comfortable with math if you ever expect to have any independence with your knitting!

If 33 stitches = 4", then divide 33 by 4 on your calculator and the result it gives you is: 8.75. This means 8.75 stitches = 1". You might want to round that to 9 - or if math really confuses you, your tendency is probably to just drop the .75 and make the stitch gauge 8. Both of these practices are wrong. Let me give you some examples to show you why you cannot ignore the decimal part of the gauge.

You want to knit a hat and it must be exactly 20 inches in circumference to fit your special friend. Your gauge (as determined above) is 8.75 stitches = 1". On your calculator, multiply 20 times 8.75. The result is 175 stitches needed to cast on for the hat.

Suppose you had rounded up to 9 stitches per inch? 20" x 9 sts per inch = 180 stitches for the hat. This false gauge tells you to cast on 5 more stitches than needed!!! How big would this hat actually be if you made it 180 stitches? 180 stitches divided by the true gauge of 8.75 stitches per inch = 20.571428 inches. In other words, the hat measures more than 20 and 1/2 inches - this false gauge would make the hat 1/2" too big.

What if you just dropped back to 8 stitches per inch for your gauge? Well, 20 x 8 = 160 stitches. That's 15 stitches less than you need. What a big difference this is!! A hat knitted from that false gauge would be much too small. Let's see how small: 160 stitches divided by the true gauge of 8.75 = 18.285714 inches. The hat would only be slightly larger than 18 and 1/4 inches in circumference. Rather than fit an adult as you probably planned, this hat would fit an infant.

Do you now realize the significance of using the true gauge, even though it is not a whole number?

Most of the gauges you see will be either a whole number, such as "8" or a whole number plus a decimal, such as "7.25" or "6.75" or "8.5". If those decimals just don't make sense to you, let's think of them as money. "8" is the same as exactly $8.00. "7.25" is the same as $7.25, which you know is exactly 7 dollars plus 25 cents. And since 4 25 cent pieces = $1.00, then 25 cents is exactly 1/4 of one dollar.

In the same way, then "6.75" could be equated with $6.75 or 6 full dollars plus 75 cents. The 75 cents is the same as 3 quarters (25 cent pieces) - right? And, since it takes 4 quarters to equal one dollar, three quarters (which is what 75 cents is) is equal to 3/4 of one dollar. .75 is the way we write this as a decimal.

"4.5" as money is $4.50 or 4 dollars and 50 cents. 50 cents is the same as two 25 cent pieces or 2 quarters. 2 quarters is the same as half a dollar bill. It takes 2 50 cent pieces to total one dollar, so one 50 cent piec is the same as 1/2 a dollar. .50 or .5 is the correct decimal way of writing 1/2 or one half of a dollar.

Let's sum up what you have learned about decimals:

.25 = 1/4 = one fourth (this is the same as a quarter in our money system - one fourth of a dollar)

.5 or .50 = 1/2 = one half (this is the same as two quarters in our money system, or the same as a fifty cent piece - in either case, it is half a dollar)

.75 = 3/4 = three fourths (this is the same as three quarters in our money system, or one fifty cent piece and one quarter - in either case, it is three quarters of a dollar).

If you shop for a loaf of bread and the price of it is $1.25 the owner will not accept just $1.00 for it, will he? You must also pay that extra quarter. So, if your gauge is 8.25 you can't use just "8". You have to use the complete gauge of 8.25 since that one fourth of a stitch in each inch is important.

Suppose a mouth-watering steak is priced at $3.75. When you give the clerk $4.00 to pay for it do you expect her to keep the 25 cents change? I'll bet you don't want her to round the cost of the steak up to $4.00!! So don't try to round up your gauge, even if the decimal is very close to the next whole number.

I do hope these excercises in this issue are helpful for you and that you learned something that will encourage you to continue with the future lessons.

Next month we will prepare to do some simple charting.

TOPICS, TIPS, TOPS, (etc).
A Newletter with a difference.

"Topics" is a tri-monthly newsletter that presents machine knitting patterns a little differently than the norm. In it, each major style is given, either in 3 gauges (at least one for bulky machines when possible & using easily obtained yarns) or 2 gauges plus the instructions to use your own gauge.

Each issue has its own theme (sweaters, skirts etc.) & can be purchased separately @ $6 USA (others $8), but those purchasing 4 at a time @ $24 USA (others $28), either 4 future or 4 back issues, may choose a 5th FREE. All back issues are available.

Send a lg SASE (2 stamps) for Table of Contents of back issues.

Order from: J. Chamberlain, OLCS, Box 201, RD#4, Dallas, PA, 18612

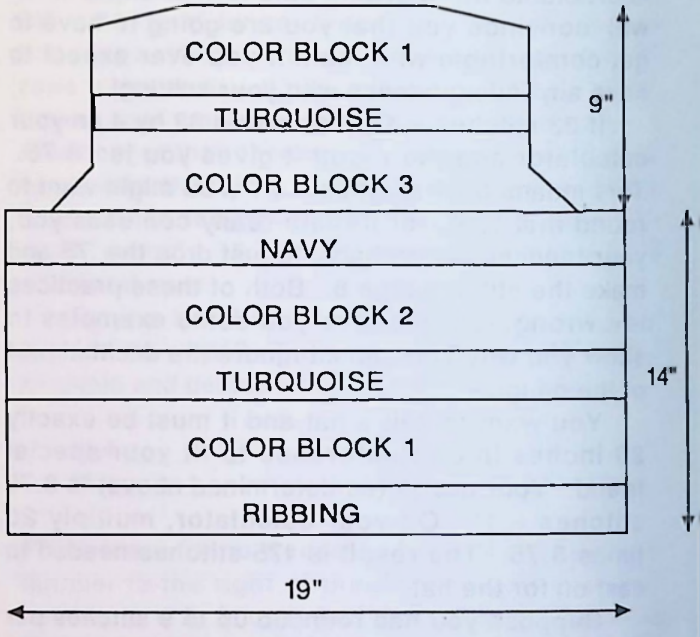
FISHERMAN'S RIB JACKET

Diane Miller, Dimity
389 Dewey St.
Churchville, NY 14428
(716)293-1468

This jacket was knit on the bulky with 6 strands of 2/24 twisted together. A total of 2.5 pounds of yarn was used in the following colors:

A - # 9115 Denim - Delaine Acridel - 14 oz.
B - # 9314 Navy - Delaine Acridel - 7 oz.
C - # 9310 Deep Grey - Delaine Acridel - 6 oz.
D - # 9312 New Royal - Delaine Acridel - 5 oz.
E - # 167 Turquoise - Heirloom Parade - 4 oz.
F - # 9112 Sea Aqua - Delaine Acridel - 2 oz.
G - # 9308 Graphite - Delaine Acridel - 1 oz.
H - # 9405 Mocha - Delaine Acridel - 1 oz.

I twisted the yarn into 3 separate color groupings. The first block of color was 2 strands of A and 1 strand each of B, C, D, and E. The second color block used 2 strands of A and 1 strand each of B, D, F, and G. The third color block used 1 strand each of colors A, C, D, F, G, and H. Three color blocks were used on the front and back of the jacket, separated by solid color stripes. The ribbing, sleeves, and trim were all done with the shades of the first color block. See the graph below.



Yarn: 2/24 in any combinations you like of 6 strands.
Gauge: 4.75 stitches and 10.9 rows = 1" in Fisherman's Rib.
Tension: 0/0.
Machine: any 9 mm chunky can be used, it was designed and knitted on a KH260 (Brother bulky punchcard)
Size: one size given for adult small or med. to large teen.

BACK

CO 92 s for 1x1 rib @ T- as far below 0 as your dial will go and the lever on II (Studio machines disregard the "lever on II" note). Rib 50 rows. Change for Fisherman's Rib and raise the tension to 0 and the lever on I. Knit for 9 r. Add 6 s on both sides (pocket lining) and knit to row 54. Change yarn (6 strands of E) and knit 6 rows. RC 000. BO 6 sts both sides and knit with color block 2 for another 54 rows.

Change to 6 strands of B & begin armhole shaping. BO 4 sts both sides, then dec 2 sts EOR

2 x. RC 000. Change to third color block and dec 2 sts EOR 4x. Knit to row 54 & then knit 6 rows with 6 strands of E. RC 000 and first color block, knit to row 12. Short row shape for the shoulders - 16 sts. 2 sts EOR 4x and 1 st EOR 8x. End row 38. Take the center 28 back sts off on wy and the 16 shoulder sts also.

FRONT

CO 45 sts. Knit the same as for the back except at the first block when the back increases 6 sts each side, we decrease 6 sts on the front side seam edge at row 9. Then we add the 6 sts back after the first stripe.

At the same time the shoulders are being short rowed we also have to shape the neck. So at r 12, at the top, we BO 2 sts 1x. Then 1 st EOR 8x and 1 st every 4 r 2x. Take the 16 sts off on wy. Knit a second f ront, reversing all the shaping.

Front pocket trim - The area in the side seam with an indentation is now going to be filled in. Hang over 23 sts with the wrong side facing. Transfer for 1x1 rib @ tight tension and knit 18 rows. Hang a hem and latch tool BO. Sew side edges together and repeat for the other side. The edge will be flush with your side seam and the pocket will be practically invisible.

Neck edge - With wrong side facing, hang the 28 sts from the back and 19 sts form each front neck edge (hang front to fit) and rib @ tightest tension for 50 rows. Hang a hem and BO with long tail of yarn. Stretch the neck out wide before you knot the thread. This way the neck will be able to stretch and you can breathe easily. You might even want to steam this a little as it is a snug fit.

Zipper trim - Hang the front, wrong side facing, over 86 sts. I hung the ribbings over 12 sts each, each block over 17 and each stripe over 3 with 2 for the last block. Stockinette @ T-3.2 for 12 rows. Hang a hem and take off with a long tail of yarn. This is just the right width to hide the zipper when you sew it into the garment.

SLEEVE

CO 71 and knit in Fisherman's Rib for 150 rows. **Armhole shaping:** RC-000. BO 4 sts each side then decrease 2 sts each side on rows 8, 16, 28, 38, 46, 54, 62, 70, 76, 80, 84, 88, 90, 92, 94. End row 96. Hang remaining st to 1 needle on MB and BO.

Hang the 71 edge sts over 39 needles and transfer for a 1x1 rib. @ tightest tension knit 44 rows. Hang a hem and latch tool BO. Repeat for other sleeve. Set in sleeves and sew long side seam.

Attach material [fabric] to the pocket lining edge knit onto the back piece and the ribbed hem from the front pocket trim. You can make the lining any size that is comfortable for your hand and your jacket is ready to wear.

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SMOCKED DELIGHT

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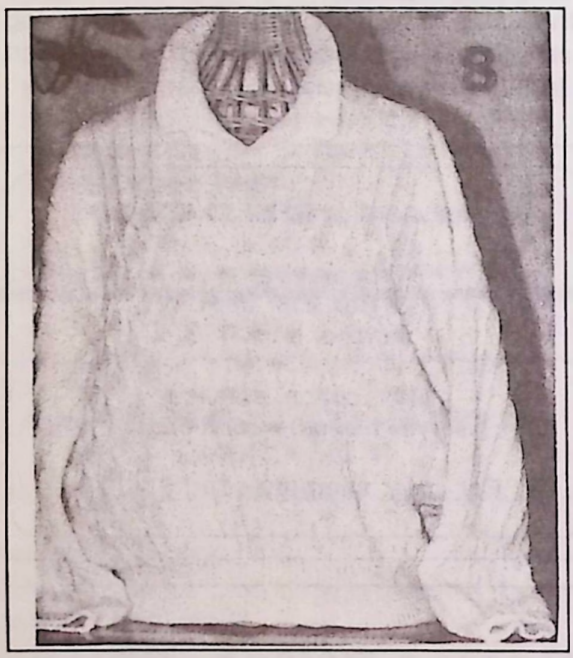


Yarn: 16-24 oz. of Nomis Conny
Gauge for smocked pattern on the front: 8 stitches and 8.5 rows = 1".
Gauge for back: 6.5 stitches and 8.5 rows = 1".
Tension: 10 on main bed; 8 on ribber.
Actual garment measurement at bust: 35" (37", 39", 41", 43", 45").
Photograph above and in color on page 3.

Smocking is fun do do. It is another of the old techniques brought back because it really is pretty. In this pattern I have given you just one design, but by using your imagination there are so many different designs you can make with it! Each sweater will be different. When the sweater is put together you can smock it wherever you want to smaock it. Following the instructions you will find some rough sketches of the pieces and the finished product.

BACK

Cast on 114 (120, 126, 134, 140, 146) sts in 1/1 rib at tension 2. Work 24 rows of rib at tension 6. Transfer all sts to main bed, change to tension 10 main bed, tension 8 ribber bed. Leave the ribber arm on the machine and the ribber up. Set racking at H-5. Bring the following needles, depending on the side, both sides of 0 to WP on the ribber: 3-8-13-18-23-28-33-43-48-53-58-63-68. If the last stitch on the ribber comes closer than 2 sts from the end, do not put into work.

Work 170 (178, 186, 192, 198, 204) rows with this needle set up, marking row 98 (104, 110, 114, 118, 122) for sleeve. If you have trouble with the ribber sts not knitting off, tighten the tension on the ribber. It will differ a little with some machines. Bind off all sts.

FRONT

Cast on 140 (148, 156, 164, 172, 180) sts. Work the rest of the front as for back. Mark, sew and cut the front and back neck shaping. Sew the right shoulder seam tog. Measure the neckline against the machine. Cast on that many sts in 1/1 rib. Rib for 2 inches. Lay the sweater on top of the machine with wrong saide up. Push down over the sinker posts. Make sure you get an even allowance on the front side of the sinker posts. Push the hook of the needle through making sure the sewing line is under the needle. Hang the cast on edge of ribbing on to working needles. Bind off. Sew the left shoulder seam and neckband. ***I use my "Sew & Cut Neckline Templates". It also has full instructions on an enclosed neckband.***

COLLAR

Cast on same # of sts as for neckband. Use tension 6 for cast on. Work 12 rows at tension 6, 12 rows at tension 5, 12 rows at tension 4, 12 rows at tension 3. Bind off. Sew the bind off edge to the inside of the neckband, centering the side edges of the collar at center front.

SLEEVES

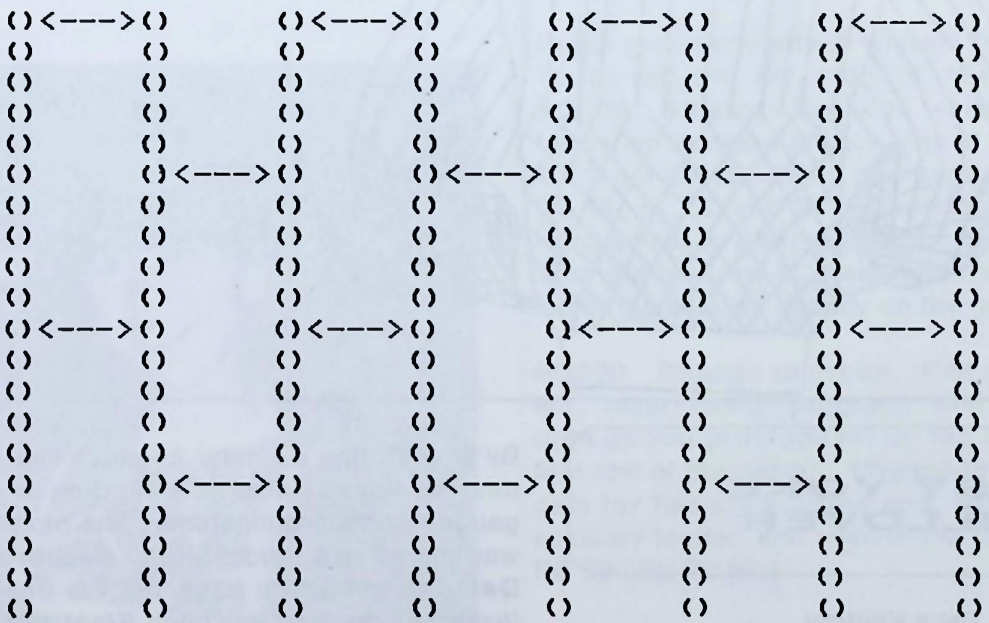
Hang the sleeve edge of the sweater, with right

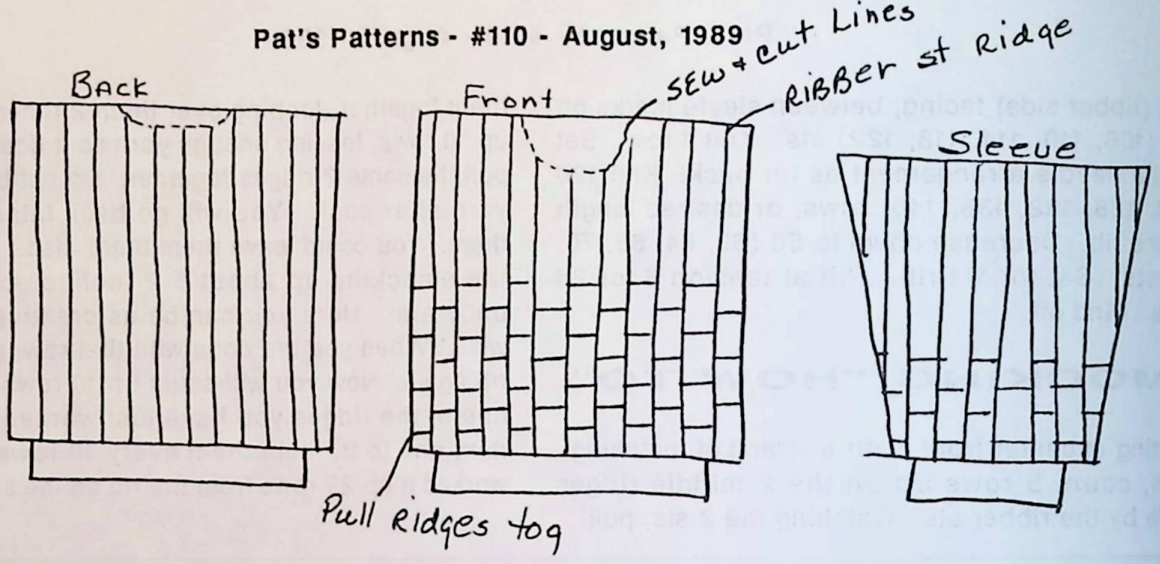
side (ribber side) facing, between sleefe marks on 102 (106, 110, 114, 118, 122) sts. Knit 1 row. Set up the needle arrangement as for back. Knit 120 (124, 128, 132, 136, 140) rows, or desired length before rib. Decrease down to 56 (60, 64, 68, 70, 74) sts. Set for 1/1 rib. Rib at tension 6 for 24 rows. Bind off.

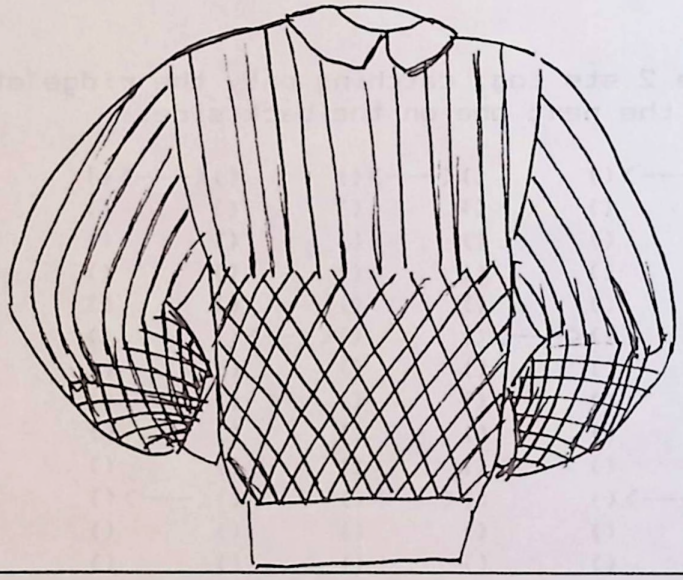
SMOCKING "HOW TO"

Starting at center front, with a strand of matching yarn, count 5 rows up on the 2 middle ridges made by the ribber sts. Catching the 2 sts, pull them together, looping over them 2 times. Count up 10 rows, leaving enough yarn so it doesn't pull, pull the same 2 ridges together. Do not break the yarn after each. You will go back later and tie them. You could leave them there also. I worked the smocking up about 1-2 inches above the underarm. Here you can be as creative as you wish. When you are done with that row, go to the rib again. Now you will count up 10 rows and pull one of the ridges you have just worked and the next one to it. Join them every 10 rows. I also worked it up 25 rows from the rib on the sleeve.

<---> = Pull these 2 sts tog, catching only the ridge st. Carry the yarn to the next one on the back side.





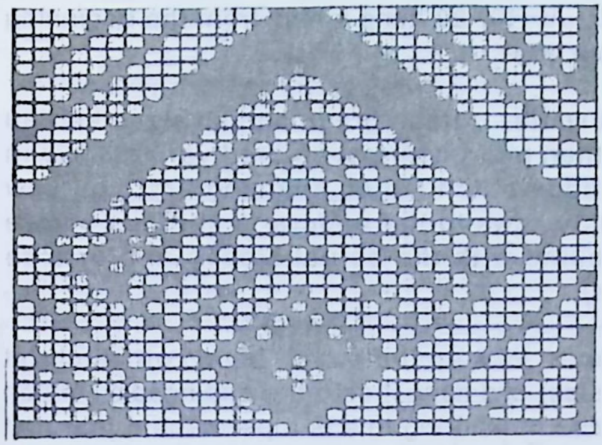


EASY YOKE PULLOVER

Patricia J. Wetzel, Pat's Knittery
Rt 4, Box 416
Indiana, PA 15701
(412)463-8060

Yarn: 2 strands of Delaine Acridel 2/24 in olive green and snow white. The smallest size used a total of 8.5 oz.
Gauge: 6.75 stitches and 10 rows = 1".
Tension: 6.
12" fast gauge match: 22.5 stitches using double olive green and stockinet. MGM = 15.
Machine: can be knitted using the design which follows on any standard gauge electronic machine.

By substituting a similar 24 stitch repeat design, this sweater can also be knitted on any standard gauge punchcard machine. The model garment was knitted on a Studio SK560 electronic.
Delsgn: shown on page 19, it is one of the 55 lovely designs from my book ***Electronic Designs*** which is available from dealers or myself for $16 + $1 p/h (most designs suitable for all electronic machines, some also suitable for punchcard machines).
Finished bust measurements: 34",36" (38", 40") 42", 44" [46", 48"].
Photo: see next page and in color on page 3.



FRONT

Using two strands of olive green, tension 0/0 cast on 116, 122 (130, 136) 142, 150 [156, 164] stitches. Insert comb and three large weights after all of the cast on rows are complete and carriage are on the right.. Tension 1/1 all sizes knit 26 rows to end at the right. Transfer all ribber stitches to the main bed. Remove comb and weights. Switch to main carriage.

RC000. Tension 6. Still with olive drab knit even to RC 149 (139) 129 [119]. Carriage is at the left. All sizes bind off 20 stitches this left side for armhole. Knit one row and bind off 20 stitches at this right side for the other armhole. This completes the armhole shaping.

YOKE

Break green and attach white. There should be 76, 82 (90, 96) 102, 110 [116, 124] stitches now. RC000. All sizes knit with white and do a full fashioned increase at each side of RC 2, 4, 6, and 8, then a full fashioned decrease at each side of RC 12, 14, 16, and 18. Continue even to RC 20. Hang a hem by picking up all of the green stitches from the last row of green and hanging them on top of the stitches already on the needles.

RC000. Change to green. Knit one row to the left. Insert design program. Knit one row to the right as you program/set up the needles for the first row of the design. Change to tension 7. Set cam for fairisle knitting and, with white in the auxiliary feeder, knit even in the fairisle design to RC 50 (60) 70 [80].

* * * * * * * * * *

Shape front neckline: All sizes take the center 26 stitches (13 - 0 - 13) off on a yarn holder. The carriage is at the right. Remove all stitches at the left onto scrap yarn or a garter bar, **or** knit all these stitches back to "A" position with a ravel cord **or** place all these needles in hold position and set carriage so they will not knit (the latter option is the least desirable). Make a note here of the pattern row (as a guide for re-programming the other half) _____. *RC000. All sizes knit in the fairisle design as you also decrease one stitch full fashioned at this neck edge on RC 1,3,5,7,9,

12,15,18,22, and 26, then continue even to RC 30. Set carriage for stockinet knitting then break white and green. Scrap off these remaining 15, 18 (22, 25) 28, 32 [35, 39] stitches.*

Carriage is at the right. Replace all left-hand stitches into the hooks of the proper needles and place the needles in knitting position. Set cam on slip/part and be sure the side levers are toward you on punchcard Studios. With card set at the row noted above, push the carriage, without yarn, to the left. The needles are now set up for the beginning of this half.

With the card set correctly and the carriage threaded with green and white knit this side in fairisle as the first side from * to *.

BACK

Knit exactly the same as the front up to

* * * * * * * * * * *

then, just continue on all stitches to RC 80 (90) 100 [110] since there is no neckline shaping to be done for the pullover back. Scrap off 15, 18 (22,25) 28, 32 [35, 39] stitches at each side for the shoulders, and all sizes scrap off the 46 center stitches for the back neckline.

NECKBAND

First you must join one shoulder seam.

All sizes use white. Tension 3/3 cast on and knit 20 rows of 1x1 rib. Transfer all stitches to the main bed. Remove comb and weights. Neatly hang up a hem from the cast on edge. Purl side of pullover facing you, hang all the scrapped off neckline stitches on top of the band stitches and pick up 19 stitches along each side of the front neckline. Bind off loosely by taking the yarn around 2 sinker posts.

Join the other shoulder seam.

SLEEVES

Purl side facing you. Pick up approximately 98 (112) 126 [140] stitches along just the straight edge of the armhole. RC000. Tension 6. Attach white and knit as you increase 1 stitch full fashioned at each side of RC 2, 4, 6, and 8, then decrease 1 stitch at each side of RC 12, 14, 16, and 18. At RC 20 hang a hem from the beginning armhole edge.

Break white. Attach green and all sizes knit 30 rows then put a contrast colored yarn marker in each edge stitch (when seaming first you sew these 30 rows to the underarm stitches before continuing with the actual sleeve and/or side seams).

Shortcut: Pick up the corner bound off stitch (at each side) and hang it onto the end needle. When you resume knitting this is a permanent join that lets you know exactly what kind of seaming to do. In addition, you don't have to add yarn markers, which sometimes seem to magically disappear!

A 29" sleeve length is charted, so make needed adjustments before continuing.

RC000. As you knit, decrease one stitch full fashioned at each side of every 14th (12th) 10th [10th] row. At RC 179, 175 (169, 165) 159, 155 [149, 145] remove the remaining stitches on scrap or a garter bar, then rehang them onto 60 (64) 68 [72] needles, doubling up stitches as necessary. Knit one row to the right.

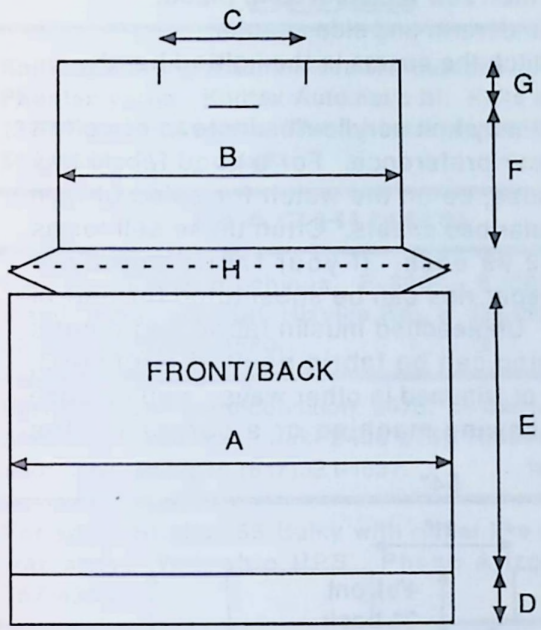
Cuff: Transfer every other stitch to the ribber for ribbing. Tension 1/1 all sizes knit 26 rows. Tension 10/10 (10/8 for Brother machines) knit one row to the left. Break yarn. Transfer all ribber stitches to the main bed. Remove comb and weights if you used them (I am successful at just pulling down at an even tension on a sleeve, creating my own weights for knitting sleeve ribbing, so don't have to bother with a comb and weights). Working from thr right to the left, cast off by slipping the first stitch onto the latch hook. *Slip the next stitch onto the latch hook and pull this new stitch through the stitch that was on the hook.* Repeat from * to * to end by pulling the yarn tail through the last stitch.

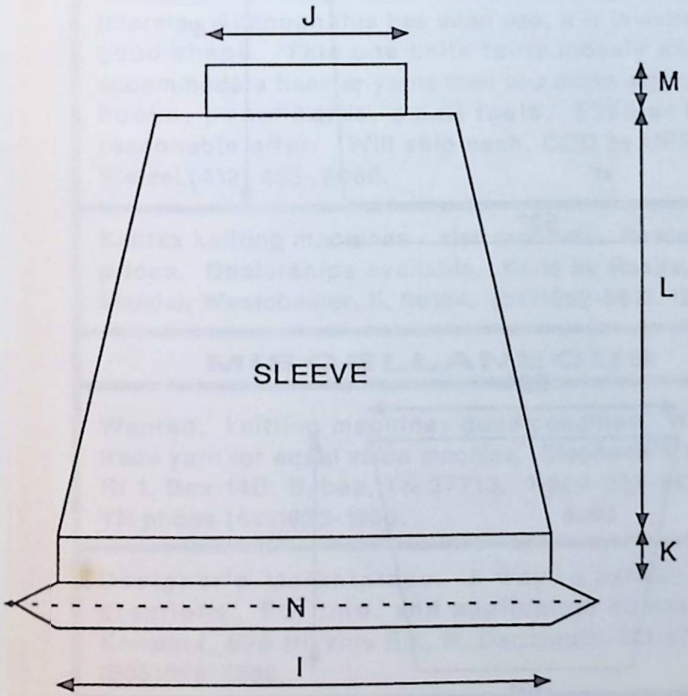
Knit the other sleeve exactly the same way.

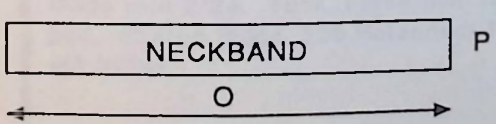
FINISHING

Join all seams and work in all yarn tails before

clipping close. Machine wash and dry. This garment will require no blocking as it will self-block during the laundering process.







FRONT/BACK

A = 17, 18 (19, 20) 21, 22 [23, 24]"
B = 11, 12 (13, 14) 15, 16 [17, 18]"
C = 7"
D = 2.5"
E = 15 (14) 13 [12]"
F = 5 (6) 7 [8]"
G = 3"
H = band which finishes 1"

SLEEVE

I = 14.5 (16.5) 18.5 [20.5]"
J = 7.5 (8) 8.5 [9]"
K = 3"
L = 18, 17.5 (17, 16.5) 16, 15.5 [15, 14.5]"
M = 2.5"
N = band finishes to 1"

NECKBAND

O = 17"
P = 1" after hemming

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Indiana, PA 15701

FABRIC/KNIT BLOUSON

Bonnie Konjevich
9321 Heatherdale Dr.
Dallas, TX 95243
(214)553-8789

Materials: 2 yards of 45" wide cotton fabric and 3 ounces of matching Conshohocken worsted weight softball cotton for ribs, sewing thread, pattern which is supplied.

Machine: made on a KH 260, but any 9 mm bulky/chunky machine can be used.

Size: Oversize, this garment will fit nearly everyone!

Knitting the neck ribbing: Tension 0/0 and slide lever on II, cast on 80 stitches in 1x1 rib and knit the selvedge. Then , still at tension 0/0 knit 9 rows. Transfer all ribber stitches to the main bed. Tension 3.2 knit 2 rows then bind off and lay aside.

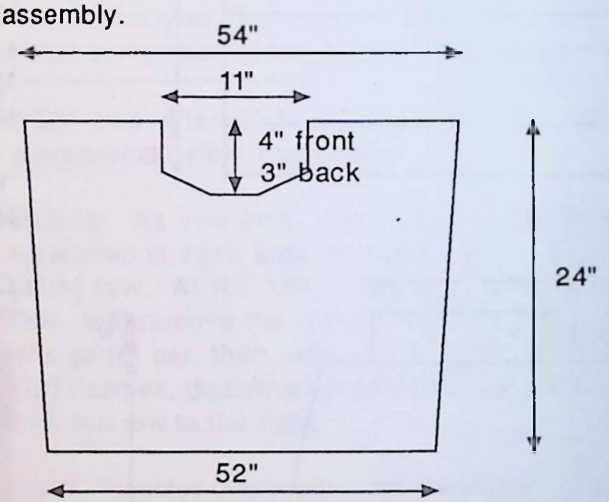
Knitting the lower ribbing: Using tension 0.2/0.2 cast on 90 stitches in 1x1 rib, then do the selvedge. Still at tension 0.2/0.2 knit 16 rows. Transfer all ribber stitches to the main bed. Tension 3.2 knit 2 rows then bind off. Make the second piece exactly the same way.

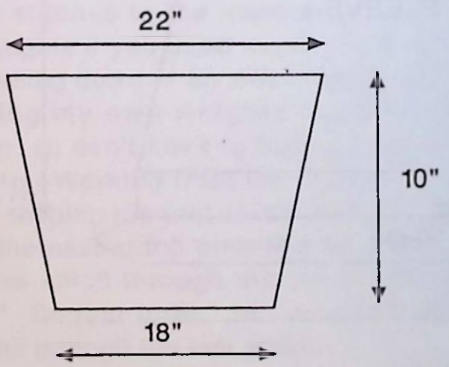
Knitting the sleeve ribbing: Using 58 needles, work the same as the neck ribbing, but make two pieces.

CUT AND ASSEMBLE

1) Measure and cut out all four pieces of the blouson.
2) Sew one shoulder seam.
3) Right sides together, stretch the neck ribbing as you also slightly ease the neckline of the blouse. Pin the bound off edge to the neckline, then sew two rows of narrow zig zag stitching, very close together, to attach.
4) In the same manner as described above sew ribbed bands to the lower edges of the sleeves and the bottoms of the front and back.
5) Sew the other shoulder seam.
6) Fold each sleeve in half to find the center. Pin the center of each sleeve to the shoulder line at each side, then sew the sleeves in place.
7) Stitch underarm and side seams.
8) Hand stitch the seams in the knitted bands.

Note: You may knit acrylic ribs instead of cotton if that is your preference. For a good fabric buy for the blouse, be on the watch for sales of twin size, irregular bed sheets. Often these sell for as little as $2.99 each. If your fabric supply is limited, deeper ribs can be substituted for part of the fabric. Unbleached muslin fabric and natural toned ribbing can be fabric painted, stenciled, appliqued, or trimmed in other ways. You can use a regular sewing machine or a serger for the assembly.





CLASSIFIED ADS

CLUBS

Knitking knitting machine dealer. Lessons. Tamm and Phentex yarns. Knittax Automatic III. Knits by Rosita, 1333 Mandel Avenue, Westchester, IL 60154. (312) 562-5613. 4x#3

MACHINES

Passap knitting machines. E-6000 - $2000.00 with stand. Knitworx, 696 Hixville Rd., N. Dartmouth, MA 02747. (508)996-4580. 1x

Brother 910 in good condition: $475. G-Carriage $175. Also Juki 1200 $50; Juki 2400 $75; Ribber for 2400 $50. Call Michigan (517)321-1637. 1x

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MISCELLANEOUS

Wanted: knitting machines good condition. We will trade yarn for equal value machine. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. 1-800-323-9411. In TN phone (615)623-1986. 4x#3

Designer's Marketplace. A way to exhibit your creations. For info. and application contact the Knitworx, 696 Hixville Rd., N. Dartmouth, MA 02747. (508)996-4580.

PATTERNS

New Passap pattern book: Quick & Easy Sweaters, all made with 2/24. Tuck, Fisherman rib, and more. $15 ppd. Sharon Ridge, 300 Horseneck Rd., S. Dartmouth, MA 02748. 6x#5

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SEMINARS

August 9 & 10 seminar in California on Passap, White and Brother machines. Phone The Silver Spindle, (213) 670-2289 for details.

Suzanna Lewis, Oct. 20, 21, 22. Sponsored by the Knitworx, 696 Hixville Rd., N. Dartmouth, MA 02747. (508)996-4580. 1x

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Clearance: wool blends $1.50 per lb. Ragg cotton Chesterfield $1 per lb. Minimum order 10 lbs. Stephanie's Yarns,Rt 1, Box 14B, Bybee, TN 37713. Call 1-800-323-9411 or in TN (615)623-1986. 4x#3

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SEMINAR

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Make hotel reservations directly to Bel Air Hotel 1-800-888-8781. Mention seminar for special rate. ($50 - $74)

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(All meals must be paid for in advance and must be received by October 14th. No meals sold at the door.)
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REGISTRATION:

	Before 9/30	After 9/30
Sat. & Sun.	$47.50	$55.00
One day	$30.00	$35.00
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804/424-0863 --804/424-5442

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If you know someone who got one of these machines, but is at a loss for patterns, please share this ad with her.
The book has 6 basic patterns that can be dressed up with hand embellishments of all kinds. There's a sweater set for baby, two pullovers for kids, and three basic pullover styles for adults!

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700 699 720
697 695 717 723

At the left is the key to the photograph, specifying the color numbers of each cone that is shown in the pyramid.

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master charge

VISA

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